PTR-ToF-MS measurements of NMHCs in support of KORUS-AQ

The instrument:

Proton-Transfer-Reaction Time-of-Flight Mass Spectrometer

- NMHCs (isoprene), OVOCs, CH$_3$CN, (NH$_3$)
- Acetone sensitivity:
  - 125 cps/ppbV (DISCOVER-AQ 2014)
  - 680 cps/ppbV (NAAMES 2015)

The team:

University of Oslo / University of Innsbruck

- Armin Wisthaler
- Tomas Mikoviny
- Philipp Eichler
- Markus Müller

The money: